

From boatanchors@theporch.com Wed Apr 19 10:21:50 1995
Date: Wed, 19 Apr 1995 08:54:46 -0500
Message-Id: <Pine.LNX.3.91.950419074625.9589D-1000000@thelair.zynet.com>
From: johnb@thelair.zynet.com
Subject: 10m AM

On Wed, 19 Apr 1995, Mark Shaum wrote:

> Re: Wider-band SSB from phasing SSB exciters
>
[snnniippp].. I can't wait until 10 opens up a bit. A lot of us
> will be re-neutralizing our setups and making some good AM qso's there in a
> few years (I hope!)
>
> 73! - Mark, NE9G
>

I cant wait.... 10 is S00000 much fun with a Ranger and a beam... or a
dipole! It'll be nice to meet many of you on the air! If you havent had the
experience of tuning across 200kc of wall to wall AM qsos on a Saturday
afternoon, you're in for a treat.

You're right about the neutralization!!!!!!! :-) Sometime before then we
need to discuss taming a DX100 for use there.

Come on SUNSPOTS!
/john

John M. Brewer wb5oau
johnb@thelair.zynet.com

From boatanchors@theporch.com Wed Apr 19 10:37:44 1995
Date: Wed, 19 Apr 1995 09:10:45 -0500
Message-Id: <9504191408.AA13353@gvlf4-a>
From: edd@VFL.Paramax.COM
Subject: Re: 10m AM

> I can't wait until 10 opens up a bit....

Where is the AM activity on 10?

Where are we in the current Sun Spot cycle? How long til 10 comes alive?

BTW, I'm on 10 every night (SSB and CW) it's quite active in the Phila area.

Ed Doc
K3LPE

From boatanchors@theporch.com Wed Apr 19 23:12:17 1995
Date: Wed, 19 Apr 1995 21:45:04 -0500
Message-Id: <9503197983.AA798307520@ccmgate.mti.com>
From: TLeonard@ccmgate.mti.com (Leonard, Tim)
Subject: Re: 10m AM

John,

There is a simple mod to the DX100 to settle it down on 10 meters; I have used it on several with excellent results.

All you do is drill a small hole in the final enclosure level with the driver tuning cap (out side the case). Solder a wire onto the driver tuning cap, pass it through the hole and bend it parallel with the final's. Move the wire around and neutralize just as if you had a "real neutralizing cap". (This is the same method used in the DX60's).

Tim AA6DQ

From boatanchors@theporch.com Thu Apr 20 01:35:16 1995
Date: Wed, 19 Apr 1995 22:36:46 -0500
Message-Id: <Pine.3.89.9504191408.A11056-0100000@ozarks>
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>
Subject: Re: 10m AM

On Wed, 19 Apr 1995 johnb@thelair.zynet.com wrote:

> On Wed, 19 Apr 1995, Mark Shaum wrote:
>
> > Re: Wider-band SSB from phasing SSB exciters
> >
> [snnniippp].. I can't wait until 10 opens up a bit. A lot of us
> > will be re-neutralizing our setups and making some good AM qso's there in a
> > few years (I hope!)
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> > 73! - Mark, NE9G
> >
>
> I cant wait.... 10 is S00000 much fun with a Ranger and a beam... or a

> dipole! It'll be nice to meet many of you on the air! If you havent had the
> experience of tuning across 200kc of wall to wall AM qsos on a Saturday
> afternoon, you're in for a treat.

John some of the most enjoyable ham activity I ever did was in the fading
era of the AM rigs when I had a new Viking 500 and a TA-33 on 10. Many
nights I would knock off a hundred or so stations and they would remark I
was the only signal they could hear....most were in the New England
area. Then conditions would shift and I would do the same with the
Aussies and Zedders. Much fun that I don't expect to ever see again!

73, Frank
de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Wed Apr 19 07:22:21 1995
Date: Wed, 19 Apr 1995 05:55:09 -0500
Message-Id: <d0atD7I0000000000@MHS>
From: RICHARD_HUMPHREY@HP5200.desk.hp.com
Subject: Re: 75A-4 mechanical filters

Kevin Anderson asks:

>> For the 75A-4, Collins offered at least the following
>> mechanical filters:
>
>> 35.0 kc. *
>
>What would you this barndoor wide filter for? General
>tuning?

NBFM seems one obvious use.
Keeping brand X VFO tuned in is another.
Richard
N6NAE

From boatanchors@theporch.com Wed Apr 19 23:47:39 1995
Date: Wed, 19 Apr 1995 22:19:35 -0500
Message-Id: <199504191746.LAA09949@Freenet.HSC.Colorado.EDU>
From: al511@Freenet.HSC.Colorado.EDU (Robert Neece)
Subject: Re: 75A-4 mechanical filters

Concerning the 35.0 kc. filter, Richard Humphrey wrote:

>>What would you this barndoor wide filter for? General
>>tuning?

>

>NBFM seems one obvious use.

Remember, the N in NBFM stands for narrow. NBFM was authorized for use in the amateur HF allocations on the assumption that it would occupy no greater bandwidth than that nominally occupied by the other voice modes. The 6.0 kc. filter is amply wide for NBFM.

>Keeping brand X VFO tuned in is another.

Richard's comment gives new meaning to the word "variable" in VFO. :-)

--

73 de Bob, K0KR

From boatanchors@theporch.com Wed Apr 19 22:57:23 1995
Date: Wed, 19 Apr 1995 21:30:40 -0500
Message-Id: <PMX-TERM-2.02-bsm2ee1-thaake-104>
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: RE: ARR15/R105

Rich,

I have a manual for the ARR15/R105. It's an inch thick. Can make copies of what ever part you want. The ARR15 is a wonderful receiver. The autotune on mine is very good. It is a real suprise to see how accurate it is when returning to a preset frequency. SSB signals are alway quite good and may only need minor touch ups. The Air Force Reserve Squadron I was in used them through at least 1975 on their EC-121 aircraft. The Navy I believe discontinued use of them a few years earlier in the same aircraft. Wonder if they showed up in any other aircraft or ??

Tim WA0TSY
thaake@bsm2ee1.attmail.com

From boatanchors@theporch.com Wed Apr 19 23:53:07 1995
Date: Wed, 19 Apr 1995 22:25:28 -0500
Message-Id: <9504191821.AA13874@wrdis01.robins.af.mil>
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Bone Yard "Census"

WB4IJN - SPACE 2553
KQ4BY - SPACE 1347,48,49

More?

73,

Larry, KQ4BY

From boatanchors@theporch.com Wed Apr 19 09:03:43 1995
Date: Wed, 19 Apr 1995 07:36:43 -0500
Message-Id: <9504191235.AA23449@sumter.awod.com>
From: wb4ijn@awod.com (Steve Thomason)
Subject: Dayton - space 2553

I'll be at Dayton, space 2553, assuming the weather cooperates. All
are invited to stop by and visit.

73, Steve, WB4IJN

Internet: wb4ijn@awod.com
Packet: WB4IJN@N4CII

From boatanchors@theporch.com Wed Apr 19 07:43:55 1995
Date: Wed, 19 Apr 1995 06:16:02 -0500
Message-Id: <0004900001839599000002*@MHS>
From: POSTMSTR@frmail.rosemount.com
Subject: Distribution Status Report

=====

| | | |
|---|--------------------------------------|---|
| * | Soft-Switch EMX Mail Delivery Report | * |
|---|--------------------------------------|---|

=====

Distribution ID: 000490.0001837384
Date Sent: Apr 18 1995 at 09:51 AM

=====

Your mail could not be delivered for the following reason:

| | |
|-----------------|--------------------------|
| Reason Code | : 0 |
| Diagnostic Code | : 14 |
| Explanation | : distribution cancelled |

Recipient:
Country : US
ADMD : ATTMAIL
PRMD : FISHER-ROSEMOUNT
DDA.RFC-822 : danivan@frmail
SMTP Name : danivan@frmail

=====
From boatanchors@theporch.com Wed Apr 19 07:49:20 1995
Date: Wed, 19 Apr 1995 06:20:05 -0500
Message-Id: <199504191115.GAA22092@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: Re: Filter vs. Phasing, or - HT-32B vs. HT-37

Re: Wider-band SSB from phasing SSB exciters

>The ultimate rejection of unwanted output, and the containment of
>SSB bandwidth, in the 37 just didn't match the 32B. So, there are two
>sides to the "nice, wide" signal issue. :-)

Bob, I agree completely there. For daily use on our crowded (LF) bands I generally stick to CW. But mebbe this is a good time to bring up something I've noticed within those narrow "AM windows". There are some folks who attempt to reach broadcast quality AM, i.e. a 10 khz wide DSB signal. Sure, it sounds great when listening on a TRF or regen set, but I think we (As a class of BA'ers with a lot of AM setups) need to keep in mind the bandwidth requirements and the general need to trim things down. I don't see any problem with occasional use of something we've put umpeen hours and broadcast-quality transformers into, but it isn't necessary all the time.

I'm more impressed with how loud a well-manicured clipped/compressed/filtered AM signal 'sounds' with speech with a 4 khz BW on my receiver, when I hear one. Some of those 90 watters sound 'louder' than the T-368's.

Around here, the 75 meter AM window seems to exist between 3880 and 3890. In practice, this leaves room for two roundtables, usually one on 3880 and one on 3885. Trying to squeeze anything else in there is going to bother somebody on one side or another. Reminds me of one non-urban, non-cable, non-satellite TV area where I spent a few weeks years back where residents had a choice between all of two snowy channels <grin>.

160 is a better bet for room for AM signals, but antennas are a problem. And a lot of the local midwestern 160 AM addicts prefer not to listen if any effort is involved. The kilowatt/cross-town QSO syndrome of the 50's all over again, I guess.. I can't wait until 10 opens up a bit. A lot of us will be re-neutralizing our setups and making some good AM qso's there in a few years (I hope!)

73! - Mark, NE9G

From boatanchors@theporch.com Thu Apr 20 00:01:27 1995
Date: Wed, 19 Apr 1995 22:32:52 -0500
Message-Id: <Pine.3.89.9504191444.A11056-01000000@ozarks>
From: "C. Frank Gilmore" <fgilmore@ozarks.sgcl.lib.mo.us>
Subject: Re: Filter vs. Phasing, or - HT-32B vs. HT-37

Lord oh lord.

..
I lived through the AM vs SSB vs DSB era and all it's battles. Then the phasing vs filter SSB era...and since I sold both and used both in my personal station I had my own pet philosophy.

IMHO the bottom line is phasing will always 'sound' better because of the increased frequency response. And yes, the signal will be slightly wider, and yes it does require more care in keeping the carrier nulled out, and yes it's suppressed side band will not be down in db as far as a mechanical or crystal lattice system.

For ordinary communication with minimum of worry about alignment (when those 12AT7s age) I'll take filter SSB generation any day.

I recall one customer who bought a new HT-32B trading in an HT-37. He was disappointed by his cronies reports of poor audio. He traded back. I have that HT-32B in the "bunker" now. Idiot had done some strange things to the relay lines going out and I have never had time to clean up his mess....only been about 30 years...sooner or later.

While I appreciate the sound of a full width AM station, and wish all of you could have heard the unbelievable 40 meter signal of W3NW back in the late 50's or W6AKF on 15 in the early 60's, it does take up a heck of a lot of frequency spectrum. And it will generate anger, opposition, sweeping VFOs, etc etc etc.

But when I first logged on to my initial RTTY contact in '57 I found my CW friends didn't want to talk to me anymore! When I deserted RTTY for PACTOR and now to GTOR I moved away from another established group.

..
That is the price of technology and expected standards.

..
Oh...and when I built my first DSB exciter and got on 40 I was almost run out of town! AMers hated it and SSB folk thought it beneath description.

..
There were various schemes to compress AM into a tight neat signal and then use a decompressor at the other end to expand it to normal. Much like the professional audio equipment does in studios. One such device was made by Elenco. I bought one but never did find anyone else using it so finally traded it off. Phasemaster tried to market one also. Never flew. That would be the ideal way to keep everyone happy. Sigh.

..

Of course being a CW devotee I could argue all day about those clean sharp signals and the super narrow bandwidths I can use to receive them on my Timewave DSP-59+. But that is another issue.

..

There was an ad by a short lived manufacturer who claimed the transmitter had the narrowest CW signal on the air! Never could figure what crystal ball he pulled that one from.

Back to watching the OKC bombing coverage. That is where I lived for some time.

73, Frank

de K0JPJ ex-W5PVX ...--

From boatanchors@theporch.com Wed Apr 19 11:25:26 1995

Date: Wed, 19 Apr 1995 09:58:04 -0500

Message-Id: <9504111927.AA20746@wrdis01.robins.af.mil>

From: lakeith@wrdis01.robins.af.mil (Larry Keith)

Subject: FNFF Eyeball QSO # 2 - Status Update

OK, as of 4-19-95, at 1030 local...

Here is what I have:

Larry, KQ4BY

Jack, WB8BFS, + 1

Jack, W4PPT, +16 (includes Sandy, Bob Stafford and Bill Stafford, Dave and another Sandy, Harve, W4WDH + Yvonne, AE2T + 1 and 7 unnamed GERATOL types)

Tony, K4KY0

Paul, WA9VYB + 1

Tom, K9TA

Michael, VE2XZ/W1

Cynthia VE2QF/W1

Wayne, N1FTN

___I'm missing someone___??

Mike Hanz

That makes 25.. If we get any more, I will call the Casa Lupita and upgrade the reservations..

At this point, I have a reservation for 25 in my name at the Casa Lupita Restaurant at 1535 Miamisburg - Centerville Road. The restaurant is just east of the I-675. You can get to it from I-75

also. Miamisburg - Centerville road is also know as SR 725.. If you need help, just ask for directions to the Dayton Mall..
If all else fails, call the Casa Lupita at 433-4431..

I intend to be there by 8:00 PM and will monitor the 145.11 repeater..

We will order from the menu.. Note that Casa Lupita will add a 15% gratuity to checks for large groups. So, don't tip 'em twice!!

Corrections and additions to : lakeith@robins.af.mil

73,

Larry, KQ4BY

9 More Days!!

From boatanchors@theporch.com Thu Apr 20 01:03:15 1995
Date: Wed, 19 Apr 1995 22:28:37 -0500
Message-Id: <v01510101abbb171f1921@[129.237.17.7]>
From: heacock@KUHUB.CC.UKANS.EDU (Doug Heacock)
Subject: Heathkit IB-2A manual needed

I recently purchased a Heathkit impedance bridge, model number IB-2A, and am looking for a manual, or for information on how to use it. It needs some work, but I think I could get it running again if I had some information. Anyone out there own one of these big old boxes?

Please send any replies via return e-mail; I'm not subscribed to the list at the moment. Thanks in advance.

73, Doug, AA0MS

--

Doug Heacock <heacock@ukans.edu> | Academic Computing Services
User Services Coordinator | The University of Kansas
Kansas Research and Education Network | Lawrence, KS 66045

From boatanchors@theporch.com Wed Apr 19 11:29:31 1995
Date: Wed, 19 Apr 1995 10:02:17 -0500
Message-Id: <01HPIP0THMMQA25C20@RANDB.PPRD.Abbott.Com>
From: KANAMAA%AMGATE%MATRXA@randb.abbott.com
Subject: Howdy/back again/HRO 50 paint

>From: Kana, Michael (D9CY)
Date: Wed, Apr 19, 1995 10:00 AM

Subject: Howdy/back again/HRO 50 paint
To: bigboats
Howdy all

Well, its nice to be back from net.death! Hope I didnt miss too much. I was wondering what was the 'official' paint designation used on the HRO 50. My unit has a few scratches to touch up. I was wondering if there is a Testers paint designation or auto paint I can use for this. Hope those going to Dayton have fun. Alas, I will be in sunny San Diego at that time scrounging around the surplus stores for misc. goodies.

73's de AA9IL
Mike Kana

From boatanchors@theporch.com Wed Apr 19 01:33:38 1995
Date: Wed, 19 Apr 1995 00:05:42 -0500
Message-Id: <Pine.3.89.9504182321.B186-01000000@mm1001.theporch.com>
From: Kevin J Pease <kevin@mm1001.theporch.com>
Subject: RE: HT32 vs HT37

The gentleman who was running his HT-37 into an amplifier and poluting 20 meters was probably over driveing the amplifier. The HT-37 has no provisions for ALC. I have a HT-37 and have noticed no splatter or wide signal problems. Granted if you are within 3 to 4 KC you will notice som interference. That is due to the wider audio bandwidth. My HT-37 used to have better than 40 db oposite sideband supression. I have not had it running for many years so the sideband supression is probably not as good as it used to be because of drift in the phase shift circuits and dirty pots. However when properly aligned it works verry well. The phaseing method of sideband generation is by far the lowest distortion sideband generation method available. Some of the new expensive superwisbang Rice Boxes with DSP have gone back to Phaseing methods for both transmit and receive.

Kevin J Pease
WB0JZG Mt Juliet, TN.
mm1001.theporch.com

From boatanchors@theporch.com Wed Apr 19 07:57:59 1995
Date: Wed, 19 Apr 1995 06:30:14 -0500
Message-Id: <199504191127.GAA23664@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: RE: HT32 vs HT37/Filter vs. Phasing

>SPECS aside the phased rigs if tweaked correctly always sound better than the
>filter rigs. I never got compliments on anything else.
>

A notable exception: The Collins 32S3. With the RF feedback involved in that fine circuitry, the amount of IM distortion is reduced to the point where the difference is quite audible. Excellent sounding SSB, even with the narrow 2.1 khz bandwidth filter used in SSB generation. S-lines with a good mike always sound nice!

73! - Mark, NE9G

From boatanchors@theporch.com Thu Apr 20 01:39:44 1995
Date: Wed, 19 Apr 1995 22:22:24 -0500
Message-Id: <Chameleon.4.01.2.950419140429.jproc@>
From: jproc@worldlinx.com
Subject: Internet to Packet Radio Gateways

Dear BA's,

The recent post by Albert Woodhull and his comments regarding the MS mailer has prompted me to throw a question to the group. Is anyone familiar with any gateway between the Internet and the amateur radio packet network? What exactly, is this gateway that I have heard about? Is it a mail robot, or does it depend on an individual to collect messages from one network and manually forward them to the other network?

I sent one message into the packet radio network, but it wasn't reflected back to me. After a month's time, I eventually got a response via snail mail. (Can't tell what happened in between). Other attempts to launch messages to the packet network from Internet have resulted in undeliverable mail. Does anyone know the proper syntax for an E-mail address when sending from Internet to the packet network and vice versa?

Are there 'BA type' groups on packet or are we the centre of the universe? My ultimate aim here is to evaluate the packet radio network prior to investing any money in hardware. Any help would be appreciated.

Regards,

Jerry Proc, VE3FAB
Radio Restoration Volunteer
HMCS Haida
E-mail: jproc@worldlinx.com
Toronto, Ontario

From boatanchors@theporch.com Wed Apr 19 23:32:55 1995
Date: Wed, 19 Apr 1995 22:05:10 -0500
Message-Id: <950419122100_88582537@aol.com>
From: Randyc3@aol.com
Subject: Looking for Hammarlund HC-10

Looking for a Hammarlund HC-10 SSB adapter to compliment my HQ-160 receiver.
Also would like to get copy of manual.

This combo is an alternative to the HQ180 that I have been unable to find.

If anyone sees a hc-10 at Dayton, please forward dealer name and number - if I am lucky, it may still be available.

Thanks all!

From boatanchors@theporch.com Wed Apr 19 10:11:28 1995
Date: Wed, 19 Apr 1995 08:44:41 -0500
Message-Id: <199504191339.GAA21567@ix4.ix.netcom.com>
From: w0ogh@ix.netcom.com (Larry Godek)
Subject: Marconi

May 19 at 9 pm pacific time on Discovery channel is the Biography of Marconi. Its called "Whisper in the Air".

From boatanchors@theporch.com Wed Apr 19 11:45:33 1995
Date: Wed, 19 Apr 1995 10:17:15 -0500
Message-Id: <Pine.SUN.3.91.950419100105.11239C-1000000@ncrsun1>
From: Kevin Anderson <anderson@ncrsun1.ncr.usace.army.mil>
Subject: Mass Production (fwd)

Barry Ornitz commented on tube production, in which I case I replied personally with a comment. Below is his reply, posted to the group on his suggestion. (Sorry that part of his post is chopped off.)

Cheers/73. Kevin, KB9IUA

Barry replied:

On Wed, 19 Apr 1995, Kevin Anderson wrote:

> And I would add the desire or perserverance (sp?). I get
> the impression that Americans no longer like to produce
> things where you have to make up to many of them, all alike

> and all perfect. We are too impatient and unwilling to
> support the labor costs.

I thought about this wondering how modern integrated circuit production fit in. And then it hit me.

IC's are identical because they are all made at the same time on one silicon wafer. Each production step (etch, mask, diffuse, metalize, etc.) done to the WAFER is what you are talking about. The goal of modern IC manufacturing is to minimize the number of these steps. These production steps correspond to each discrete step in manufacturing a single tube (grid winding, outgassing, assembly of mica insulators, evacuation, etc.). The big difference is that when all steps are completed properly, you have many IC's but only a single tube. Of course, the modern trend is to use larger and larger wafers so more parts can be made on the same wafer, and wafer-to-wafer variability is less important. Digital IC's are easier because matching individual voltage thresholds is less important.

The whole design philosophy of electronics changed when we went solid-state. Beta spread was so bad that engineers had to abandon techniques that relied on devices with known and well-controlled parameters. Then when IC's became available, the philosophy changed again. We learned that while we could not rely on the characteristics of a single device, the ratio of the characteristics was extremely well matched. Thus differential amplifiers, R-2R networks, switched capacitor filters, ect. became the fad.

I honestly cannot say that the early vacuum tubes days were any better. Virtually everything that could affect circuit performance was made adjustable and every design required careful tweaking. Now to compensate for the large variations in component properties, we design circuits with massive feedback to minimize the effects of the variations.

I really believe that there is an underlying philosophy change in the entire way we do design today than when we designed with vacuum tubes. I am sure this must also be considered if we are to ever manufacture tubes again.

I think your point is very valid. I suggest you post it for the entire group. An occasional side-trip into design philosophy or the concepts of mass production is a welcome addition to our regular posts.

73, Barry WA4VZQ ornitz@emn.com

----- end of forward

Kevin Anderson, U.S. Army Corps of Engineers, Rock Island District
anderson@ncrsun1.ncr.usace.army.mil

*** These opinions are mine, and do not reflect the Corps of Engineers, the Army, of the U.S. Federal Gov't

From boatanchors@theporch.com Wed Apr 19 23:30:11 1995
Date: Wed, 19 Apr 1995 22:02:15 -0500
Message-Id: <"Macintosh */PRMD=MOT/ADMD=MOT/C=US/"@MHS>
From: Don_Burns-EPUR01@email.mot.com
Subject: MS Mail Message Headers

>I've recently switched to MS Mail from Unix mail. I can't complain, except
>for one thing:
>The "From" line always shows "boatanchors" (for BA mail, that is), which
>doesn't tell me
>anything about the author of the message. Any MS mail gurus out there to
>advise me how
>I can add an extra line to the mail header showing the author? In Unix, the
>"From" line
>would show "boatanchors" and the "From:" line the actual sender of the
>message.

George,
You are missing header information because of the way your sys admin guy/gal has configured MS Mail to work within the confines of your network scenario. More header info can be provided. The problem that we encountered here was much complaining from the typical business user about "all the useless garbage at the top of the message". Thus I have the same problem. I can't tell who authored messages unless they sign them. On the other hand, why don't people sign their messages? I know this is a common issue on the net, but its no excuse for not doing it.

And now, back to BAs.....

--

| | | |
|-----------------------------------|---|-------------------------------|
| Don Burns K4GHD | \ | Motorola E-Mail: epur01 |
| Motorola Inc. | \ | Internet:epur01@email.mot.com |
| North American Radio Systems Divn | \ | Voice: 305-723-5518 |
| Plantation, FL U.S.A. | \ | Fax: 305-723-4343 |

X.400: /c=us/admd=attmail/prmd=motorola/g=don/s=burns/ddt=id/ddv=epur01/

From boatanchors@theporch.com Wed Apr 19 07:58:22 1995
Date: Wed, 19 Apr 1995 05:59:23 -0500
Message-Id: <2F956980@msgw.isoft.intranet.gr>
From: Sifakis George <sifakis@isoft.intranet.gr>
Subject: MS Mail question

I've recently switched to MS Mail from Unix mail. I can't complain, except

for one thing:

The "From" line always shows "boatanchors" (for BA mail, that is), which doesn't tell me

anything about the author of the message. Any MS mail gurus out there to advice me how

I can add an extra line to the mail header showing the author? In Unix, the "From" line

would show "boatanchors" and the "From:" line the actual sender of the message.

Regards

George SV0KA

From boatanchors@theporch.com Wed Apr 19 10:06:42 1995

Date: Wed, 19 Apr 1995 08:39:49 -0500

Message-Id: <Pine.3.89.9504190831.B7797-0100000@hamp>

From: Albert S Woodhull <aswNS@hamp.hampshire.edu>

Subject: Re: MS Mail question

I don't have a good answer to your question. I wish I did, I have a similar problem using the Pine mailer on Unix -- it does not show the whole header, and I can't find a way to reconfigure it.

Now here's a not-so-good work-around: If you use some other text reading program to read your mailbox file, one that is not smart about mail conventions, you should be able to see all the gory details. I just had occasion to do this, in order to determine where a message that took three weeks to arrive had been held up. In my case on Unix what worked was to do `tail -40 news/folder >tempfile` and then read `tempfile`. The -40 was just a guess that the headers wouldn't expand the short message to more than that.

Incidentally, the message that took three weeks spent most of that time on one side of a 2 meter TCP/IP link. After that it took negative time to get to me (someone's system clock is wrong!). I don't know whether to be appalled at the weakness of the radio link or amazed at the tenacity of the NOS program that just kept trying for three weeks until it passed its traffic.

73, Al N1AW

Albert S. Woodhull, Hampshire College, Amherst, MA

awoodhull@hamp.hampshire.edu

woodhull@shaysnet.com

413-549-2962

From boatanchors@theporch.com Wed Apr 19 23:03:10 1995
Date: Wed, 19 Apr 1995 21:35:45 -0500
Message-Id: <199504191551.MAA14910@Fox.NSTN.Ca>
From: crzinck@fox.nstn.ns.ca (C. R. (Bob) Zinck)
Subject: Re: Resoldering tube pins to wire leads

>Yes, a common filament failure may be the loose solder joint. If the thing
>has
>arced as the case that was brought to our notice, then you might try using a
>thin stainless steel wire as a scraper, if the hole in the pin is big >enough.

Another device you might try is a tip cleaner set for an acetelyne torch.
The sizes in my set range from .012 to .035 inches, and are like very,
very tiny round files, but they are flexible.
I think they might work out well for what you are trying to do.

They are cheap, too. About \$4.00 for the set.

Rgds...Bob...

From boatanchors@theporch.com Wed Apr 19 23:06:04 1995
Date: Wed, 19 Apr 1995 21:38:56 -0500
Message-Id: <9503197983.AA798307160@ccmgate.mti.com>
From: TLeonard@ccmgate.mti.com (Leonard, Tim)
Subject: Re[2]: 10m AM

Ed,

The 10 meter AM activity takes place between 29.000 MHZ and
about 29.100 MHZ. When the band is open (ie sunspots are
up), there are many stations on. Typically, the band opens
here on the west coast about 9:00 am and closes down about
2:00 pm with additional shots in the early evening.

Over the last few weeks, 10 has been open, but I have not
heard any AM activity. This is probably due to the fact
that few people are listening up there rather than poor
conditions.

Tim AA6DQ

From boatanchors@theporch.com Wed Apr 19 07:35:28 1995
Date: Wed, 19 Apr 1995 06:07:52 -0500
Message-Id: <199504191043.GAA23500@mocha.eng.umd.edu>

From: Philip Gwynne McCoy <dgnova@Glue.umd.edu>
Subject: SX-25

Michael Knudsen asked the following question:

>From: Michael.J.Knudsen@att.com
>Subject: SX-25 questions

>What do y'all think of the Hallicrafters SX-25 rcvr?

Its a great receiver. A friend of mine had the SX-24, which is like the SX-25 but has only 1 RF stage. He worked many stations. That was many years ago. If I were you, I would fix it up.

Philip McCoy W3SAK e-mail dgnova@eng.umd.edu

From boatanchors@theporch.com Wed Apr 19 08:14:56 1995
Date: Wed, 19 Apr 1995 06:44:20 -0500
Message-Id: <199504191142.GAA25668@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: Re: Thunderbolt questions

>I'm looking to get on AM and have aquired a Ranger that I just repaired.
>Meanwhile, a Thunderbolt has become available. This appears to be a
>desireable combo, so I think I'll get it. At \$390, working and in good
>cosmetic condition, I think its fair, but your comments are welcome.
>Also, how is the Ranger/Thunderbolt combo hooked up? I'm under the
>impression RF and AF are run into the amp so I guess its an amp/modulator?

That sounds like a good price for the T-Bolt to me, especially if the 4-400A's are good. As I recall the Thunderbolt was strictly an RF amp. It did not have any high-power modulator included (As with the Johnson desk KW). So with the Ranger driving it, you can run a kw with class-C cw, but for AM use with the ranger you would have to run the amp in linear mode. Figger the Ranger puts out about 50 watts carrier (200 watts peak with AM modulation), so this would have to be adapted to the drive requirements of the amp when it's running in class B or AB2 linear mode. Just watch out for overdrive, I hear some very nasty sounding AM signals that are fed through linear amps that can't stay linear at the drive levels used. If the amp is capable of 2kw 'peak' input on SSB, you should be able to run it at 500 watts carrier output and stay clean. (or thereabouts.. depends a lot on voice characteristics, use of limiting/clipping or not, etc).

The Ranger manual includes info on bringing out the high level audio signal for use in driving an external high-power modulator deck. If you find a 500 watt modulator at a yard sale, it might work with the T-Bolt. But if the RF deck of the amp weren't designed for the peak voltages involved with a

plate-modulated signal, you would have some nice fireworks in and around the output tank circuitry..

73! - Mark, NE9G

From boatanchors@theporch.com Wed Apr 19 10:30:05 1995
Date: Wed, 19 Apr 1995 09:02:43 -0500
Message-Id: <14246@sat.n5lyt.ampr.org>
From: ki5sl@sat.n5lyt.ampr.org (Rick_Blank)
Subject: Re: Thunderbolt questions

Private site: Amateur Radio Station KI5SL
X-Mailer: PCElm 1.11
Lines: 28

In message <m0s1RFK-0005MIC@wx8l.tacom.army.mil> q@wx8l.tacom.army.mil writes:

> Well, you guys were so good with my 75A-4 filter question, I'd thought
> I'd indulge again.
>
> I'm looking to get on AM and have acquired a Ranger that I just repaired.
> Meanwhile, a Thunderbolt has become available. This appears to be a
> desirable combo, so I think I'll get it. At \$390, working and in good
> cosmetic condition, I think it's fair, but your comments are welcome.
> Also, how is the Ranger/Thunderbolt combo hooked up? I'm under the
> impression RF and AF are run into the amp so I guess it's an amp/modulator?
> Any details would be appreciated.
> I'm new to this so forgive my ignorance.
>
> Sean q@wx8l.tacom.army.mil or smccarth@macomb.lib.mi.us
>
>

The Thunderbolt is strictly a linear amplifier...the Desk
Kilowatt was the one that had to be fed audio and rf....so,
looks like you'll have to run AM linear. I couldn't put my hands
on my thunderbolt manual, but, it has info in it on connecting
the Ranger to it.

--

Rick Blank, KI5SL
ki5sl@sat.ampr.org
2223 Blanco Road
San Antonio, Texas 78212
end

From boatanchors@theporch.com Wed Apr 19 23:09:30 1995
Date: Wed, 19 Apr 1995 21:42:35 -0500
Message-Id: <PMX-TERM-2.02-bsm2ee1-thaake-106>
From: thaake@bsm2ee1.attmail.com (thaake)
Subject: TMC INFO

BA Gang,

Do any of you have a book or at least a schematic on the Technical Materials Corporation SBE-1 Exciter? I will pay for whatever copying and postage costs or trade for copies of whatever manuals that I have that you might need.

Thanks,

Tim WA0TSY
thaake@bsm2ee1.attmail.com

From boatanchors@theporch.com Wed Apr 19 07:54:42 1995
Date: Wed, 19 Apr 1995 06:26:00 -0500
Message-Id: <199504191123.GAA23181@quake.xnet.com>
From: mshaum@xnet.com (Mark Shaum)
Subject: Re: Tube repair

>I have a 100th bottle that was intermittant, ie. it worked then didn't.
>I finally figured out that the solder at the bottom of the pin for the
>filament was not making good connection although it looked good. Well
>I got the solder out of it but now I can't get it resoldered. inside
>looks blackish and pin won't take the solder. Any Ideas on how I can
>get this thing back together again?

Remembering back to the days when I 'modified' a bunch of 1625's for grounded grid operation (involved removing the internal connection between supressor grid and cathode and running the lead to a previously unused pin) the only way to clean those pins is to competely remove the base and file/scrape/wire brush out the insides of the cylinders, then re-assemble and solder. I would suggest using solder with a higher than normal melting point if you are re-doing power tubes.

Back to the 1625's.. the original idea came from a magazine article that suggested sawing a "keyhole window" in the side of the bakelite base to separate the two leads originally leading to one pin. It seemed a lot easier just to remove the entire base. The base can generally be loosened without damage to the glass envelope. Hope this helps out..

73! - Mark, NE9G